



Patent  
Attorney's Docket No. 030650-073

#3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Rainer KLISCH et al.

Application No.: 09/964,381

Filed: September 28, 2001

For: METHOD AND DEVICE FOR  
ANALYZING A SPOKEN SEQUENCE  
OF NUMBERS

Group Art Unit: 2641

Examiner: Unassigned

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**INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- No additional fee for submission of an IDS is required.
- The fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- A certification under 37 C.F.R. § 1.97(e) is also enclosed.
- A certification under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- Charge \$\_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- A check in the amount of \$\_\_\_\_\_ is enclosed for the fee due.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By:

  
Kenneth B. Leffler  
Registration No. 36,075

P.O. Box 1404  
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Date: November 27, 2001



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**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

European Search Report issued in connection with Application No. EP00121468.3, dated February 12, 2001:

U.S. Patent No. 4,336,421, issued June 22, 1982, to Welch et al.

PCT Patent Publication No. WO89/04035, May 5, 1989.

European Patent Publication No. EP0770986A2, May 2, 1997.

European Patent Publication No. EP0508225A2, October 14, 1992.

Lea, W.A.: "An approach to syntactic recognition without phonemics", IEEE Transactions on Audio and Electroacoustics, June 1973, USA, Vol. AU-21, No. 3, pages 249-258, XP002158176. ISSN: 0018-9278.

Also enclosed is the following:

Nöth, E. et al., "Prosodische Information: Begriffsbestimmung und Nutzen für das Sprachverständhen", in Paulus, Wahl (ed.), Mustererkennung 1997, Informatik aktuell, Springer-Verlag, Heidelberg, 1997, pages 37-52. This document, which is not in the English language, describes prosodic parameters apart from the speaking pause length, on which can be based the decision whether or not two consecutively spoken numbers belong to a single numerical value.

Information Disclosure Statement  
Application No. 09/964,381  
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The documents are being submitted within 3 months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore no fee or certification is required under 37 C.F.R. § 1.97(b).

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By:   
Kenneth B. Leffler  
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Alexandria, Virginia 22313-1404  
(703) 836-6620

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|--|----------------------------------|-------------------------------|
| Substitute for form 1449A/PTO                    | ATTORNEY'S DKT NO.<br>030650-073 | APPLICATION NO.<br>09/964,381 |
| INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT |                                  |                               |
| APPLICANT<br>Rainer KLISCH et al.                |                                  |                               |
| FILING DATE<br>September 28, 2001                |                                  |                               |
| GROUP<br>2641                                    |                                  |                               |

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A circular seal with the words "PATENT & TRADE MARK OFFICE" curved along the top inner edge. The word "EXAMINER" is centered at the bottom of the seal.

## **U.S. PATENT DOCUMENTS**

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## FOREIGN PATENT DOCUMENTS

| FOREIGN PATENT DOCUMENTS |                         |                         |         |                                     |             |    |
|--------------------------|-------------------------|-------------------------|---------|-------------------------------------|-------------|----|
| Examiner Initials        | Foreign Patent Document |                         | Country | Date of Publication<br>(MM-DD-YYYY) | Translation |    |
|                          | Number                  | Kind Code<br>(if known) |         |                                     | Yes         | No |
|                          | WO89/04035 ✓            |                         | PCT     | May 5, 1989                         |             |    |
|                          | EP0770986A2 ✓           |                         | Europe  | May 2, 1997                         |             |    |
|                          | EP0508225A2 ✓           |                         | Europe  | October 14, 1992                    |             |    |
|                          |                         |                         |         |                                     |             |    |
|                          |                         |                         |         |                                     |             |    |
|                          |                         |                         |         |                                     |             |    |

## NON-PATENT LITERATURE DOCUMENTS

|                    |   |                 |  |
|--------------------|---|-----------------|--|
| Examiner Initials  | Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |                 |  |
|                    | LEA, W.A.: "An approach to syntactic recognition without phonemics", IEEE Transactions On Audio and Electroacoustics, June 1973, USA, Vol. AU-21, No. 3, pages 249-258, XP002158176. ISSN: 0018-9278.   |                 |  |
|                    | NÖTH, E. et al., "Prosodische Information: Begriffsbestimmung und Nutzen für das Sprachverstehen", in Paulus, Wahl (ed.), Mustererkennung 1997, Informatik aktuell, Springer-Verlag, Heidelberg, 1997, pages 37-52.   |                 |  |
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|                    |   |                 |  |
|                    |   |                 |  |
|                    |   |                 |  |
| Examiner Signature |   | Date Considered |  |

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.